

Application No. 10/715,660  
Amendment dated March 15, 2006  
Reply to Advisory Action of January 25, 2006

Please amend the above-identified application as follows:

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1 - 10. (Cancelled)

11. (Currently Amended) A gauge comprising:

- (a) a gauge assembly having
  - (i) a gauge head;
  - (ii) a support member extending from said gauge head;
  - (iii) a transmitting shaft having a first end and a second end rotatable in said support member;
  - (iv) a tank magnet attached to said first end of said transmitting shaft;
  - (v) a float arm linked to said transmitting shaft such that movement of said float arm results in rotation of said transmitting shaft;
- (b) a dial assembly mounted on said gauge assembly having:
  - (i) a first member having a pivot pin attached thereto;
  - (ii) a dial magnet in magnetic communication with said tank magnet and which is rotatably mounted on said pivot pin;
  - (iii) a reed switch assembly positioned operatively adjacent to said dial magnet comprising:
    - (iv) a reed switch; and
    - (v) a bias magnet positioned such that said reed switch is held in the first position when the poles of said dial and bias magnets are in a first orientation and will be held in a second position when the poles of the dial magnet and bias magnet are in a second orientation.

12. (Original) A dial assembly of claim 11 further comprising a cover defining a receptacle for receiving said reed switch assembly.

13. (Currently Amended) A dial assembly [[comprising]] of claim [[12]] 11 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

14. (Currently Amended) A dial assembly [[comprising]] of claim [[13]] 11 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

15. (New) A gauge comprising:  
a gauge assembly having:  
(i) means for detecting an amount of a substance in a vessel;  
(ii) means for generating a signal proportional to said amount of substance in said vessel;  
(iii) means for transmitting said signal to a dial assembly;  
wherein said dial assembly comprises:  
(i) a first member having a pivot pin attached thereto;  
(ii) a dial magnet in magnetic communication with said tank magnet and which is rotatably mounted on said pivot pin;  
(iii) a reed switch assembly positioned operatively adjacent to said dial magnet comprising:  
(iv) a reed switch; and  
(v) a bias magnet positioned such that said reed switch is held in the first position when the poles of said dial and bias magnets are in a first orientation and will be held in a second position when the poles of the dial magnet and bias magnet are in a second orientation.

16. (New) A gauge of claim 15 further comprising a cover defining a receptacle for receiving said reed switch assembly.

17. (New) A gauge of claim 15 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

18. (New) A gauge of claim 15 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

19. (New) A gauge comprising:  
a gauge assembly having:  
(i) a float for detecting an amount of a fluid in a vessel;  
(ii) a transmitting shaft having a first end and a second end, wherein said second end is attached to said float such that movement of said float results in rotation of said transmitting shaft;  
(iii) a tank magnet attached to said first end of said transmitting shaft;  
a dial assembly comprising:  
(i) a first member having a pivot pin attached thereto;  
(ii) a dial magnet in magnetic communication with said tank magnet and which is rotatably mounted on said pivot pin;  
(iii) a reed switch assembly positioned operatively adjacent to said dial magnet comprising:  
(iv) a reed switch; and  
(v) a bias magnet positioned such that said reed switch is held in the first position when the poles of said dial and bias magnets are in a first orientation and will be held in a second position when the poles of the dial magnet and bias magnet are in a second orientation.

20. (New) A gauge of claim 19 further comprising a cover defining a receptacle for receiving said reed switch assembly.

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21. (New) A gauge assembly of claim 19 wherein in said first position of said reed switch the reeds of said reed switch are in contact.

22. (New) A gauge assembly of claim 19 wherein in said first position of said reed switch the reeds of said reed switch are in contact.